

Claims:

1. (Original) Use of celery seed or celery seed extract (CSE) for the inhibition of growth and replication of *Helicobacter pylori*.
2. (Original) Celery seed or celery seed extract for the preparation of a pharmaceutical composition to treat *Helicobacter pylori*.
3. (Currently Amended) Use according to claim 1 ~~or claim 2~~ wherein the celery seed extract is an ethanol/water extract.
4. (Currently Amended) Use according to ~~any preceding~~ claim 1 wherein the active component of the celery seed extract is selected from the group consisting of 3-n-butyl 4,5-dihydrophthalide, 3-n-butyl phthalide,  $\alpha$ -Eudesmol,  $\beta$ -Eudesmol dioctyl phthalate and cis, cis-9,12-Octadecadienoic acid.
5. (Original) A method of treating *Helicobacter pylori* infection comprising administering a pharmaceutically effective amount of celery seed or a celery seed extract.
6. (New) Use according to claim 2 wherein the active component of the celery seed extract is selected from 3-n-butyl the group consisting of 4,5-dihydrophthalide, 3-n-butyl phthalide,  $\alpha$ -Eudesmol,  $\beta$ -Eudesmol dioctyl phthalate and cis, cis-9,12-Octadecadienoic acid.
7. (New) Use according to claim 3 wherein the active component of the celery seed extract is selected from the group consisting of 3-n-butyl 4,5-dihydrophthalide, 3-n-butyl phthalide,  $\alpha$ -Eudesmol,  $\beta$ -Eudesmol dioctyl phthalate and cis, cis-9,12-Octadecadienoic acid.
8. (New) Use according to claim 2 wherein the celery seed extract is an ethanol/water extract.
9. (New) Use according to claim 8 wherein the active component of the celery seed extract is selected from 3-n-butyl the group consisting of 4,5-dihydrophthalide, 3-n-butyl phthalide,  $\alpha$ -Eudesmol,  $\beta$ -Eudesmol dioctyl phthalate and cis, cis-9,12-Octadecadienoic acid.